TMI BÜCHEL

Crease & Board Stiffness

Model 79-15

INDUSTRIAL PHYSICS

Protecting
Product Integrity

Crease & Board Stiffness

Introducing the horizontal tensile tester from TMI Büchel, a leader in innovative testing instrumentation for all industries.

This user-friendly instrument measures the stiffness at 50mm and 15 degrees and the crease line at 10mm and 90 degrees. Both stiffness and spring back can be measured. A spring loaded clamp secures the sample. The clamp is manually rotated towards the fixed position. During a test, the continuous force value is displayed. When the test time of 15 seconds is completed, the maximum force is displayed.

The instrument can be supplied with square clamps and/or round cornered clamps (Philip Morris method).

Test Results

The relationship between board stiffness and crease recovery is an important factor in the performance of cartons on packaging machines or manual packing. With the results of the Crease and Board Stiffness tester the perfect characteristics can be measured and maintained.

Features & Benefits:

- Spring loaded clamp
- Easy to use
- Measures 15 degrees at 50mm
- Measures 90 degrees at 10mm
- Export optioto GraphMaster software
- Available with square clamps and/or round cornered clamps (PM method)
- 15 second measurement delay (BS 6965:1)
- Calibration weights included
- Cutter included

Technical Specification:

Measuring Units	Gram Force
Load Cell Range	0.399 gf
Resolution	1 gram
Accuracy	+/- 1 gram
Sample Thickness	Maximum 4 mm Including Cutter Including Calibration Weight (296 grams)
Standards	BS 6965:1 BS 3748 PMI 068 BS ISO 2493-1 ScaP29 TAPPI T 556 (15 degrees only)
Output	RS 232
Electrics	110 V/60 Hz or 220V/50 Hz
Air	Not Required
Weight	6.5 kg / 14 lbs
Dimensions	(W) 270 mm x (H) 210 mm x (D) 205 mm

Ordering Information:

Article Number	Article Description
Model 79-15	Crease & Board Stiffness

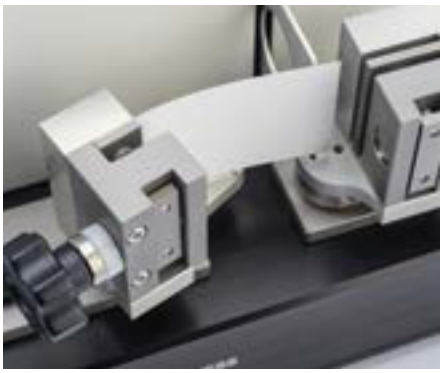
6 Unique Features:

Clamp distance and degrees

The left clamp is fixed at a 50mm distance and rotates 15 degrees. The right clamp turns 90 degrees on 10mm. For Crease line, bending resistance and spring back.

Clamp structure

The sample is clamped with a strong spring loaded clamp. Opening and closing the clamp is done by turning the screw. The maximum sample thickness is 4mm.



Spring back

When the clamp is turned to the maximum degree, the instrument continues reading the value. This gives the opportunity to read the spring back force.

Cutter

To help cut accurate sample specimens a cutter for crease and Board Stiffness is included. Quick and easy cutting for reliable results.

Easy to use

With only one button, the Crease and Board Stiffness tester is very easy to use. The zero button is used to zero the instrument before each test.

Special Phillip Morris clamp

The clamps are easily interchangeable. In addition to square clamps also round cornered clamps are available according to the Philip Morris standard.

Contact Details

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